Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 26 Feb 2022 until 23:59 on Sunday 27 Feb 2022

Forecast Issued on Friday 25 Feb 2022 at 13:21

Confidence: High for general developments. Medium for cloud amounts.

Headline for Saturday 26 Feb 2022: Very windy. Mainly dry. Some bright spells.

Mountain weather hazards on Saturday 26 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	20%	20%	10%	<05%	<05%	00%	00%

Forecast for Saturday 26 Feb 2022

Weather: Mainly dry and cloudy overnight. Windy, gales at height. A rather cloudy start, perhaps a few spots of rain and summit fog. The cloud should tend to lift, thin and break with brightness coming through, some sunny interval possible. However, windy with gales at height. Dry with patchy cloud cover in the evening. Remaining windy.

Chance of cloud-free hill tops above 800m: Nil to 30% overnight and early morning, becoming 70% in the afternoon.

Low cloud and visibility: Poor or very poor at first over the summits, but mostly good or very good. Occasional or extensive cloud, base 600 to 900m, this lifting and breaking during the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 26 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/46 SW	39/48 SW	40/50 S	40/49 S	40/50 S	37/48 S	41/52 S	46/59 S	45/59 S
600	31/41 SW	34/45 SW	36/48 S	36/49 S	34/45 S	32/44 S	35/50 S	41/57 S	41/58 S
300	11/30 SW	13/34 S	14/36 S	13/34 S	16/37 S	16/37 S	15/38 S	16/42 S	16/42 S
Valley	11/27 SW	13/31 S	13/31 S	12/28 S	15/31 S	14/30 S	11/29 S	14/34 S	15/34 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-7	1/-7	1/-8	0/-9	0/-9	1/-7	1/-7	-0/-10	-2/-12
600	3/-4	3/-4	2/-5	2/-6	2/-5	4/-3	3/-4	2/-7	0/-9
300	5/1	5/0	4/0	4/-0	6/1	6/2	6/1	4/-1	2/-3
Valley	7/4	7/3	6/3	7/3	8/4	8/5	8/5	6/2	5/1
Freezing Level*	1100m	1100m	1000m	900m	900m	900m	900m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds and chill the main consideration with the cloud tending to lift and break over the summits.

Forecast for Sunday 27 Feb 2022

Weather: Dry and bright with sunny or clear spells. However, still windy, strong to gale force over the summits and a severe wind chill. Some patchy summit cloud possible, mainly early and later in the day, but mostly clear.

Maximum wind: South 30 to 35mph gusting 50mph gradually easing 25mph gusting 35mph during the day.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: Occasional or patches possible around the summits, but mostly no significant cloud. Visibility good or very good.

Temperature: **Valleys:** Plus 3 rising to 9 Celsius
At 800m: Zero to Plus 2 Celsius
Freezing level: Around 800m rising near or above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 25 February,Location: Helvellyn summit at 1746 Full report: A fine day on the Lakeland fells with light winds and generally excellent visibility away from any localised cloud, which built up in the afternoon. More fresh snow overnight saw the snowline down to roughly 400m this morning, although this rose through the day with sunny (south-facing) slopes being most affected. The snow is very varied in distribution with very little over high and exposed ground (such as the summit of Helvellyn) to drifts over a metre deep in sheltered areas, dips, and hollows. The majority of snow is found on north and particularly east-facing slopes above 700m where old névé (refrozen snow) is also present underneath new snow in places. Potentially unstable windslab deposits are also present in these locations and small cornices have been building around corrie rims and should be given a wide berth.
The crests of Swirral and Striding edge are mostly rock although large areas of snow exist on their flanks and exit slopes as well as old hard névé. An ice axe and crampons/microspikes are essential for anyone attempting these or similar steep routes in the area, as a fall if not stopped quickly in these conditions could have serious consequences. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential for anyone heading into the fells. Temperature: minus 0.3deg;C. Maximum wind speed 16.0mph, Wind chill: minus 7.4degC,Average wind speed: 11.9mph.

Issued at: 1321 on Fri 25 Feb 2022

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.